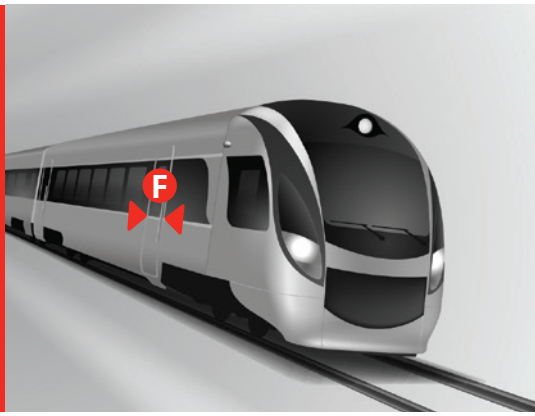
Pinch Force Measurement System for Bus doors

Original BIA Class 2



Safety ensured by Pinch Force Measurement

Drive Test GmbH develops and produces test-systems for the world-wide use in the automotive and railway industry. As one of the pioneering companies in the field of pinch force measurement DriveTest offers a broad range of differen systems for a variety of applications. Every system supports the control of applicable standards. The service comprises the consultation, maintenance and calibration of the measuring devices. Major customers include the Deutsche Bahn and many municipal transportation departments.

The Original BIA Class 2 from **Drive Test** is a mechanical pinch force measuring system for automatic bus and train doors. Combining rugged construction with precision, the advanced mechanical design delivers exact measurements, even after years of service in an industrial environment.

- **Precision measurements** – six roller bearing force guide design
- **Robust construction** – casing manufactured from durable POM for long service life in industrial environments
- **Ease of Use** – mechanical trailing pointer shows after measurement the peak force
- **Supplied with all components** – high-quality transportation case included, no additional items to purchase

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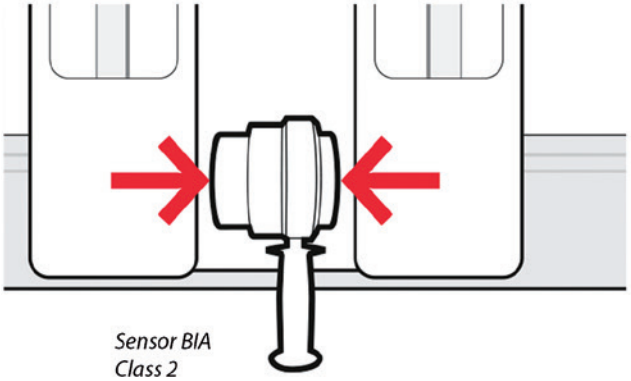
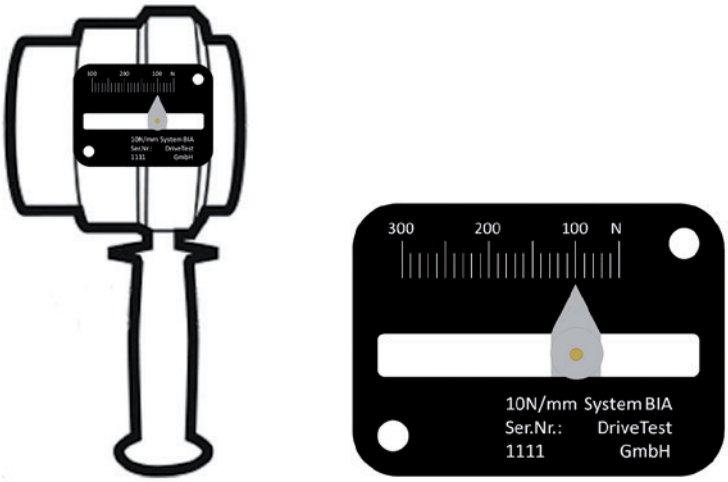
Technical specifications

Original BIA Class 2

Sensor BIA Class 2 (10 N/mm)		Sensor BIA Class 2 (25 N/mm)	
Measurement Range:	25–300 N	Measurement Range:	50–750 N
Measurement Tolerance:	+/– 10 N or 5 % of measured value, whichever is greater	Measurement Tolerance:	+/– 10 N or 5 % of measured value, whichever is greater
Stiffness:	10 N/mm	Stiffness:	25 N/mm
Gap width:	115 mm	Gap width:	115 mm
Diameter:	100 mm	Diameter:	100 mm
Measurement Technique:	trailing pointer	Measurement Technique:	trailing pointer
Size:	260 x 130 x 115 mm	Size:	260 x 130 x 115 mm
Weight:	1.2 kg	Weight:	1.2 kg



Sensor BIA Class 2 (mechanical)



Analysis via mechanical trailing pointer concurrent with measurement

What's included?

- Sensor
- Transportation case with foam inserts for ease of storage and transport
- Users manual
- Calibration certificat

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Version: V4.1